

Business Name: _____
Equipment Identification: _____
O&M Plan Revision Date: _____

**WET SCRUBBER SYSTEM
DAILY OPERATIONS LOG SHEET**

PARAMETER

LIMITS

READINGS

Scrubber system pressure drop (in H₂O)

Water recirculation rate (gpm)

pH level

Conductivity

Makeup water flowrate (gpm)

Blowdown rate (gpm)

Supply water pressure (psig)

Visible emissions (excluding water vapor)

Date

Time

Technician

COMMENTS (INCLUDING CORRECTIVE ACTION TAKEN): _____

Business Name: _____

Equipment Identification: _____

O&M Plan Revision Date: _____

**WET SCRUBBER SYSTEM
PREVENTATIVE MAINTENANCE CHECKLIST**

DATE: _____

TECHNICIAN: _____

WEEKLY PROCEDURES:

RESULTS

ACTION TAKEN

Check pump & fan motor for unusual
vibration, noise, or heat

Inspect system for leaks

Check system dampers for proper operation

Check chemical metering pumps & probes for
proper operation

MONTHLY PROCEDURES:

RESULTS

ACTION TAKEN

Inspect spray nozzle distribution pattern

Inspect/clean flow strainer

Check fan housing drain

Check condition of fan bearings, belts, &
seals

Inspect fan impeller & blades for solids
buildup or erosion

QUARTERLY PROCEDURES:

RESULTS

ACTION TAKEN

Inspect packing for breakage & settling

Check piping for erosion or plugging

SEMI-ANNUAL PROCEDURES:

RESULTS

ACTION TAKEN

Calibrate instrumentation

Inspect sump, packing, & ductwork for solids
buildup

Inspect tower internals for corrosion or
breakage

Inspect ductwork, fan, & structural supports
for deterioration/damage

COMMENTS:

Business Name: _____
Equipment Identification: _____
O&M Plan Revision Date: _____

**THERMAL OXIDIZER
DAILY OPERATIONS LOG SHEET**

PARAMETER

LIMITS

READINGS

Combustion gas temperature (°F)

Inlet gas flow rate (cfm)

Inlet temperature (°F)

Stack temperature (°F)

Fuel flow rate (cfm)

Visible emissions present at outlet

Date

Time

Technician

COMMENTS (INCLUDING CORRECTIVE ACTION TAKEN): _____

Business Name: _____

Equipment Identification: _____

O&M Plan Revision Date: _____

**THERMAL OXIDIZER
PREVENTATIVE MAINTENANCE CHECKLIST**

DATE: _____

TECHNICIAN: _____

WEEKLY PROCEDURES:

RESULTS

ACTION TAKEN

Inspect fuel piping train for leaks

MONTHLY PROCEDURES:

RESULTS

ACTION TAKEN

Check condition of fan bearings & belts

Inspect refractory for cracks

Inspect/clean burner area

QUARTERLY PROCEDURES:

RESULTS

ACTION TAKEN

Inspect system/ductwork for leaks

Lubricate fan motor bearings

Inspect burner for warpage & corrosion

Inspect burner gas jets for corrosion &
deposits

Inspect electrical valves & interlock switches
for dirty contacts, moisture leaks, &
deteriorating insulation

Verify interlocks are working

SEMI-ANNUAL PROCEDURES:

RESULTS

ACTION TAKEN

Inspect outer shell for weld cracks & hot
spots

Calibrate instrumentation

Inspect ductwork for dirt & blockages

COMMENTS: _____

Business Name: _____
Equipment Identification: _____
O&M Plan Revision Date: _____

**CATALYTIC OXIDIZER
DAILY OPERATIONS LOG SHEET**

PARAMETER

LIMITS

READINGS

Pre-catalyst temperature (°F)

Post-catalyst temperature (°F)

Catalyst pressure drop (in H₂O)

Inlet gas flow rate (cfm)

Fuel flow rate (cfm)

Visible emissions present at outlet (Y/N)

Date

Time

Technician

COMMENTS (INCLUDING CORRECTIVE ACTION TAKEN): _____

Business Name: _____

Equipment Identification: _____

O&M Plan Revision Date: _____

**CATALYTIC OXIDIZER
PREVENTATIVE MAINTENANCE CHECKLIST**

DATE: _____

TECHNICIAN: _____

WEEKLY PROCEDURES:

RESULTS

ACTION TAKEN

Inspect auxiliary fuel piping train for leaks

MONTHLY PROCEDURES:

RESULTS

ACTION TAKEN

Check condition of fan bearings & belts

Inspect refractory for cracks

Inspect/clean burner area

QUARTERLY PROCEDURES:

RESULTS

ACTION TAKEN

Inspect system/ductwork for leaks

Lubricate fan motor bearings

Inspect burner for warpage & corrosion

Inspect burner gas jets for corrosion &
deposits

Inspect electrical valves & interlock switches
for dirty contacts, moisture leaks, &
deteriorating insulation

Verify interlocks are working

SEMI-ANNUAL PROCEDURES:

RESULTS

ACTION TAKEN

Inspect outer shell for weld cracks & hot
spots

Calibrate instrumentation

Test catalyst for activity

Inspect ductwork for dirt & blockages

COMMENTS: _____

Business Name: _____
Equipment Identification: _____
O&M Plan Revision Date: _____

**CARBON ADSORPTION SYSTEM
DAILY OPERATIONS LOG SHEET**

PARAMETER

LIMITS

READINGS

Adsorption temperature (°F)

Desorption temperature (°F)

Effluent concentration (ppm)

Influent concentration (ppm)

Air filter pressure drop (in H₂O)

Steam pressure (psi)

Date

Time

Technician

COMMENTS (INCLUDING CORRECTIVE ACTION TAKEN): _____

Business Name: _____

Equipment Identification: _____

O&M Plan Revision Date: _____

**CARBON ADSORPTION SYSTEM
PREVENTATIVE MAINTENANCE CHECKLIST**

DATE: _____

TECHNICIAN: _____

WEEKLY PROCEDURES:

RESULTS

ACTION TAKEN

Inspect physical condition of solvent meters

Inspect/replace prefilter

MONTHLY PROCEDURES:

RESULTS

ACTION TAKEN

Check for unobstructed airflow in ductwork

Check gaskets, dampers, & seals for leaks

Check system for signs of corrosion

Check vent & drain lines for plugging

Check for leaks in air ducts, connections, fan
& filter housings, & around dampers

SEMI-ANNUAL PROCEDURES:

RESULTS

ACTION TAKEN

Check for unobstructed airflow in ductwork

Lubricate bearings, compressed air
components, & air cylinder shafts

Check system balance

Check condenser for solids buildup

Calibrate instrumentation

Inspect carbon bed depth

Sample carbon for adsorbability & retentivity

Sample wastewater discharge & recovered
solvent

COMMENTS: _____

O&M Plan Revision Date: _____

COMMENTS (INCLUDING CORRECTIVE ACTION TAKEN):

Business Name: _____

Equipment Identification: _____

O&M Plan Revision Date: _____

**BAGHOUSE
PREVENTATIVE MAINTENANCE CHECKLIST**

DATE: _____

TECHNICIAN: _____

DAILY PROCEDURES:

RESULTS

ACTION TAKEN

Monitor cleaning system cycle

WEEKLY PROCEDURES:

RESULTS

ACTION TAKEN

Check for proper system damper operation

Check bag tension

Check compressed air system

Activate key shutdown or bypass controls

MONTHLY PROCEDURES:

RESULTS

ACTION TAKEN

Spot-check bag condition & seating

Inspect system for corrosion & material
buildup

Check all moving parts for vibration, wear, &
alignment

QUARTERLY PROCEDURES:

RESULTS

ACTION TAKEN

Thoroughly inspect bags

Inspect door gaskets

Check for dust buildup in ducts

Check proper damper valve seating

SEMI-ANNUAL PROCEDURES:

RESULTS

ACTION TAKEN

Calibrate instrumentation

Check cleaning system for rebalance
requirement

Inspect baffles, hopper duct, etc. for wear

Inspect general structural integrity of system

COMMENTS: _____

O&M Plan Revision Date: _____

COMMENTS (INCLUDING CORRECTIVE ACTION TAKEN):

[illegible]

O&M Plan Revision Date: _____

COMMENTS: _____